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DEPARTMENT OF CONSERVATION
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STATE OF WASHINGTON



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ARTHUR L. RINGLE, M. D.
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State Pollution Commission

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SEATTLE 5, WASHINGTON

June 4, 1945

MEMORANDUM No. 55

PRELIMINARY PLANS FOR TREATMENT OF WASTES FROM THE WESTERN GAS PLANT, BREMERTON, WASHINGTON

by

C. J. D. Brown

On June 2, 1945, Mr. Cheyne and I met with Mr. Cookingham, manager of the Western Gas Company, and Professor Timstra of the University of Washington, to discuss ways and means of gas plants' waste disposal.

As can be noted from previous investigations, disposal methods by this plant have been entirely inadequate and much oil and tar has reached the Port Washington narrows in the vicinity.

The proposed changes in piping and sumps will probably improve the effluent slightly, and the company plans to construct a sand-filter bed in addition. There is no way of knowing how satisfactory this means of disposal will be until some test runs are made. This will probably take about ten days. The plant superintendent has promised to send samples of treated effluent after preliminary work has been done. We propose to test these for phenols in order to see how effective the sand filter is.

Mr. Cookingham is going to send us an outline of their proposed changes and keep us informed about the progress of the work.

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Preliminary Plans for Treatment of Wastes from the Western Gas Plant,
Bremerton, Washington

Professor Timstra, who is quite an authority on gas plant operations, has not committed himself as to how effective sand filtering will be, but suggested that provision be made in their present changes so that chemical treatment could be added if needed.

In all, I believe this conference was very successful and that the Western Gas Plant will make what changes are necessary to produce a reasonably satisfactory effluent. These changes will take a matter of three or four weeks and any action against the company should be postponed.

Approved: G. J. D. Brown

Typed: L. Scherdt

Date: June 4, 1945

OK. *JS.*